

KVIS NEWS

GENESIS OF KNOWLEDGE



KVIS Students' Residence Hall across the Pond

02: Student Science Fair: Its Roles and Importance

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Since the establishment of Kamnoetvidya Science Academy (KVIS), two international student science fairs have already been hosted which are: 1) The 1st KVIS Invitational Science Fair (KVIS-ISF) from 29 January to 2 February 2018, and 2) The 7th Asia-Pacific Conference of Young Scientists (APCYS 2018) and 2nd KVIS Invitational Science Fair (KVIS-ISF) from 5 to 10 December 2018. In both of the fairs, students had a chance to be the mainspring who organized the whole events, along with teachers and staff who gave supports and advice. By the sweat of their brows, the fairs were arranged in success, developing those working selves in several facets.

This article will bring you through three perspectives of three individuals who are in three different positions on the student science fairs KVIS has hosted.

Dr. Rachain Kosanlavit
Principal of Kamnoetvidya Science Academy

International student science fair plays its roles in the development of the following four main aspects:

1. Student academic performance; students present research projects on which they had put their effort and dedicated themselves.

2. Life skill development; chances are provided for students to exchange cultures and learn new languages with friends from various countries.



Dr. Rachain Kosanlavit, Principal of KVIS

3. Teacher development; teachers from different schools have an opportunity to share professional experiences with one another.

4. School collaboration network; school administrators meet and may establish a long-term school network for further development.

All of these will develop students and staff for the school advancement.

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**Dr. Min Medhisuwakul,
Head of Mathematics and Science
Department and Physics Teacher**

Nowadays, new scientific knowledge exists so rapidly that we are not able to keep abreast and the process of science learning and teaching has been through transformation. These two factors have been influencing the modern research convention, which means doing research in this generation all by oneself is almost impossible. The integration of several branches is required to synthesize new knowledge and innovations that serve the demands of mankind.

International students' science fairs are, therefore, excellent opportunities for students to learn new knowledge from several branches. Furthermore, students have direct experience in being in a multicultural society and realize the importance of collaborations between institutions, making them open-minded global citizens in the future.



**Dr. Min Medhisuwakul,
Head of Mathematics and Science Department**

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Theerach Temiyasathit, President of the 1st KVIS-ISF organizing committee

**Theerach Temiyasathit,
KVIS batch 2 student, President of the
1st KVIS-ISF organizing committee**

The fair is very crucial and beneficial in the academic aspect. Seeing the research of friends from overseas could be an inspiration to self-development, and it also introduced me to new knowledge. Moreover, it gave me chances to learn about cultural diversity, improve my language skills, and be exposed to intercultural communication. Hosting event like this develops my management and teamworking skills. Like travelling, attending the fairs gave me more ideas and opened my eyes to new experiences.

From the three perspectives, it is obvious that being part of international students' science fair yield so many advantages and developments to attendees, students, teachers, as well as the schools. By dedicating heart and soul into the fairs, new knowledge and vital life skills would surely be created through direct experience. However, what's lying above all advantages is the fact that it helps to advance human resources of the world and makes scrimp connections between schools from different parts of this big blue marble.

“ Like travelling, attending the fairs ... opened my eyes to new experiences.”

Coming article: “To have been, or not to have been: which ISSF have KVIS students been?”